Applicant: **Dick et al.**
Application No.: **10/689,485**

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. – 6. Canceled.

7. (Currently amended) A method for transmitting data over a random access channel by a user equipment, the method comprising:

formatting non-preamble data by at least using a convolutional encoder for transmission in a non-preamble portion;

transmitting a random access transmission having a preamble portion and the non-preamble portion; and

wherein a factor applied to the formatted ~~non-control~~ non-preamble data in the non-preamble portion differs from a gain factor applied to other data in response to a formatting of the formatted ~~non-control~~ non-preamble data with respect to a formatting of the other data.

8. (Previously Presented) The method of claim 7, wherein a transmission power level of the preamble portion differs from the non-preamble portion.

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9.   (Previously Presented) The method of claim 7, wherein the preamble and non-preamble error encoding gains are a result of processing the data packet with a first and second convolutional encoder, respectively.

10.   (Previously Presented) The method of claim 9, wherein the first convolutional encoder is a 7/8 convolutional encoder and the second convolutional encoder is a convolutional encoder in the range of a 1/3 to 1/2 convolutional encoder.

11.   (Previously Presented) The method of claim 7, wherein the preamble processing gain is a first spreading factor and the non-preamble processing gain is a second spreading factor.

12.   (Previously Presented) The method of claim 7, wherein the random access channel is a common packet channel.

13.   (Currently amended) A user equipment (UE) for transmitting over a random access channel, comprising:

a convolutional encoder for formatting non-preamble data; and

a transmitter for transmitting a random access transmission having a preamble portion and a non-preamble portion;

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wherein a factor applied to the formatted ~~non-control~~ non-preamble data in
the non-preamble portion differs from a gain factor applied to other data in
response to a formatting of the formatted ~~non-control~~ non-preamble data with
respect to a formatting of the other data.

14.   (Previously Presented) The UE of claim 13, wherein a transmission
power level of the preamble portion differs from the non-preamble portion.

15.   (Previously Presented) The UE of claim 13, wherein the preamble and
non-preamble error encoding gains are a result of processing the data packet with a
first and second convolutional encoder, respectively.

16.   (Previously Presented) The UE of claim 15, wherein the first
convolutional encoder is a 7/8 convolutional encoder and the second convolutional
encoder is a convolutional encoder in the range of a 1/3 to 1/2 convolutional encoder.

17.   (Previously Presented) The UE of claim 15, wherein the preamble
processing gain is a first spreading factor and the non-preamble processing gain is a
second spreading factor.

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18.   (Previously Presented) The UE of claim 13, wherein the random access

channel is a common packet channel.